

## Anti-F8 Polyclonal Antibody

Cat: AC51542

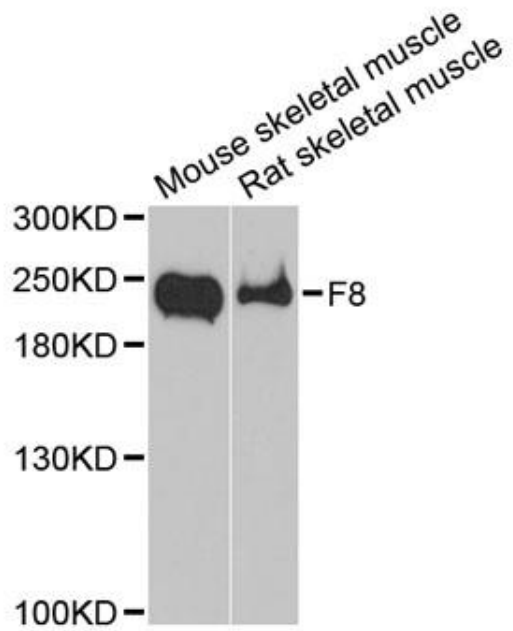
### Summary:

- 【Product name】** : Anti-F8 antibody                      **【Source】** : Rabbit
- 【Isotype】** : IgG    **【Species reactivity】** : Mouse Rat
- 【Swiss Prot】** : P00451    **【Gene ID】** : 2157
- 【Calculated】** : MW:267kDa                                      **【Observed】** : MW:230kDa
- 【Purification】** : Affinity purification
- 【Tested applications】** : WB
- 【Recommended dilution】** : WB 1:500-2000.
- 【WB Positive sample】** : Mouse skeletal muscle,Rat skeletal muscle
- 【Subcellular location】** : Secreted extracellular space
- 【Immunogen】** : Recombinant protein of human F8
- 【Storage】** : Shipped at 4°C. Upon delivery aliquot and store at -20°C

### Background:

This gene encodes coagulation factor VIII, which participates in the intrinsic pathway of blood coagulation; factor VIII is a cofactor for factor IXa which, in the presence of Ca<sup>2+</sup> and phospholipids, converts factor X to the activated form Xa. This gene produces two alternatively spliced transcripts. Transcript variant 1 encodes a large glycoprotein, isoform a, which circulates in plasma and associates with von Willebrand factor in a noncovalent complex. This protein undergoes multiple cleavage events. Transcript variant 2 encodes a putative small protein, isoform b, which consists primarily of the phospholipid binding domain of factor VIIIc. This binding domain is essential for coagulant activity. Defects in this gene results in hemophilia A, a common recessive X-linked coagulation disorder.

## Verified picture



Western blot analysis with F8 antibody  
diluted at 1:1000